

INTERNATIONAL SEARCH REPORT

PCT/GB 03/04059

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G05B23/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B G01H G05D G01N G07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OLMA B ET AL: "On-line classification of acoustic burst signals by a neural network application to loose parts monitoring in nuclear power plants" CONTROL APPLICATIONS, 1994., PROCEEDINGS OF THE THIRD IEEE CONFERENCE ON GLASGOW, UK 24-26 AUG. 1994, NEW YORK, NY, USA, IEEE, 24 August 1994 (1994-08-24), pages 1133-1138, XP010130948 ISBN: 0-7803-1872-2	1,4-6, 13,22
Y	page 1133, right-hand column, line 20 -page 1137, left-hand column, line 22	15,19,28
Y	US 6 262 550 B1 (KLIMAN GERALD B ET AL) 17 July 2001 (2001-07-17) column 5, line 55 -column 7, line 64; claim 1	15,19,28

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

5 February 2004

Date of mailing of the international search report

17/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 309 379 A (RAWLINGS KEITH C ET AL) 3 May 1994 (1994-05-03) column 2, line 13 -column 4, line 38 ---	1,22
A	US 5 602 761 A (SPOERRE JULIE K ET AL) 11 February 1997 (1997-02-11) -----	

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6262550	B1	17-07-2001	NONE	
US 5309379	A	03-05-1994	AU 4950990 A	05-09-1990
			DE 69010193 D1	28-07-1994
			DE 69010193 T2	13-10-1994
			EP 0457783 A1	27-11-1991
			ES 2055418 T3	16-08-1994
			WO 9009644 A1	23-08-1990
			JP 2854416 B2	03-02-1999
			JP 4503272 T	11-06-1992
			KR 153464 B1	15-12-1998
US 5602761	A	11-02-1997	NONE	